



American Cylinder Co., Inc.

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ISO 9001:2015

Certificate number 04.050.1



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Customs/Specials

For those design projects where a standard cylinder product cannot provide a solution, American Cylinder engineers can work along with you to design a custom cylinder to satisfy the needs and challenges of your application.

After finalizing your design, prototypes can be economically manufactured by our ISO 9001 Certified Special Cylinder Department for your test and evaluation.

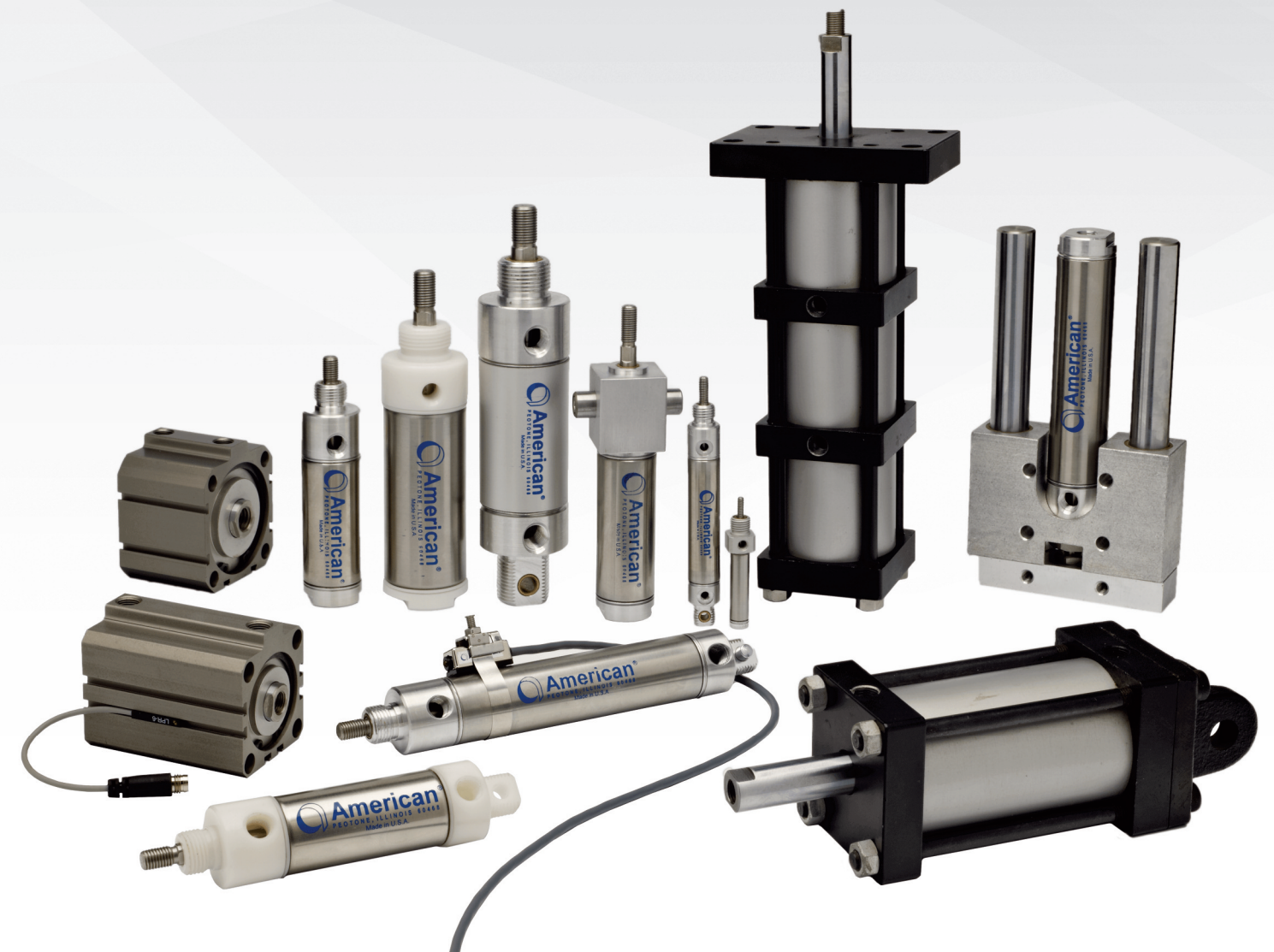
A significant portion of our business involves special modifications and American Cylinder Co. continues to provide unique solutions to a wide variety of industries, some of which include:

- Medical Equipment
- Material Handling Systems
- Industrial Fixturing and Clamping
- Truck Clutch and Braking System Components
- Food Products and Equipment
- Automation and Animation
- Marine Environments
- Agricultural and Fertilizer Applications

Examples of the most requested modifications include:

- Custom Rod Thread Lengths
- Non-Standard Rod Extensions
- Special Spring Forces and Materials
- Special Head and Piston Materials
- Special Seal Types, Compounds and Lubrication
- Coarse Threads
- Customer Logos and Part Numbers
- Additional and Oversize Ports
- Specific Dimensions for Interchangeability
- Value Added Sub-Assembly Services

American Cylinder is dedicated to filling your Special Cylinder requirements and welcomes your challenge to show you our problem solving capabilities.



AMERICAN CYLINDER COMPANY

One of the Nation's Leading Manufacturers of Pneumatic Cylinders

PHILOSOPHY

The American Cylinder Company was founded by experienced people with a strong belief in values and a determined commitment to excellence. Product lines are sold through a network of independent stocking fluid power distributors located in every major industrial market and backed by American's Customer Service Representatives.

COMMITMENT

American Cylinder listens and responds to buyer's demands for reliable, quality products. Through high tech tools such as CAD engineering systems, CNC manufacturing equipment, modern inventory controls and dedicated people, American Cylinder Co. meets the demand and performs.

SUPPORT RESOURCES

Our Customer Service Representatives can assist with orders, price and delivery, or any other general assistance you may need. Our Engineering Department can provide technical information and application problem solutions. If special design considerations are required, an Engineering Representative can discuss custom solutions to meet your needs.



Stainless Steel Series

- Industrial interchange non-repairable design
- Aluminum caps with stainless steel rod and body
- Available in single, double, reverse acting, and volume chamber designs
- Bore sizes 5/16" to 3"
- Full line of mounting accessories



Corrosion Resistant Series

- Non-repairable design
- Acetal Resin caps with stainless steel rod and body
- Available in single, double, and volume chamber designs
- Magnetic piston option (MFC design)
- Bore sizes 9/16" to 2-1/2"
- Full line of stainless steel mounting accessories



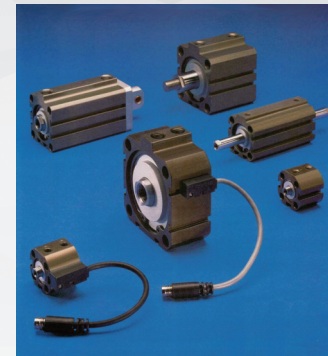
Aluminum 76 Series

- Non-repairable design
- Aluminum caps and body with stainless steel rod
- Available in single, double, reverse acting, and volume chamber designs
- Bore sizes 3/4" to 2-1/2"
- Full line of mounting accessories



Magnetic Field Cylinders

- Stainless Steel and Aluminum 76 series designs
- Available in single and double acting designs
- Bore sizes 9/16" to 2-1/2"
- Reed and solid state switches available



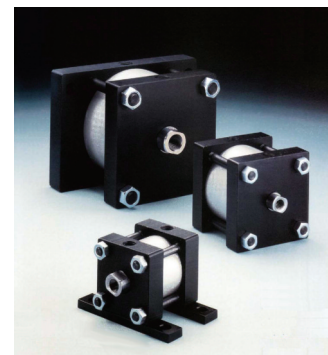
Low Profile Cylinders

- Anodized aluminum body and caps with hard chrome plated stainless steel rod
- Available in single, double, and reverse acting designs
- Bore sizes 9/16" to 2-1/2"
- Interchanges with many "pancake" or "flat" design cylinders
- Magnetic piston and position sensing switches available



Linear Slide Cylinders

- Aluminum and stainless steel construction
- Hard chrome plated stainless steel guide shaft system
- Single and double bearing block designs for a wide range of application loads
- Bore sizes 5/16" to 1-1/2"
- All cylinders (except 5/16") are magnetic piston equipped



Mini-Pak Space Saving Cylinders

- Steel tie-rod construction with aluminum caps and body
- Bore sizes 1-1/2" to 8"
- Available in NFPA style mountings
- Designed for tougher applications with space constraints



Multi-Stage Power Cylinders

- Steel tie-rod construction with aluminum caps and body
- Bore sizes 1-1/2" to 8"
- 2, 3, and 4 stage designs
- Available in NFPA style mountings
- Designed to provide higher force when air pressure is limited



NFPA Interchange Tie-rod Cylinders

- Steel tie-rod construction with aluminum caps and body
- Bore sizes 1-1/2" to 8"
- Available in many NFPA mounting styles
- Magnetic piston and position sensing switches available



Flow Controls

- Nickel plated brass construction
- Available for #10-32, 1/8, 1/4, and 3/8 NPT port sizes
- Thumb screw or screwdriver adjustable
- Threaded and push to connect tubing designs